

COURSE CODE	<b>XO 506</b>	SEMESTER	<b>5<sup>th</sup></b>
COURSE TITLE	SYNTHETIC ORGANIC CHEMISTRY – EXPERIMENTAL ORGANIC CHEMISTRY-2		

<p>SUGGESTED TEXTBOOK IN ENGLISH (will be provided to the Erasmus students on loan by the library for the whole period of studies at Upatras)</p>	<p><i>For the theoretical part of the course:</i></p> <p><b>C. Willis and M. Willis, "Organic Synthesis", Oxford Chemistry Primers, Oxford University Press, Oxford, 1995.</b></p> <p>CHAPTERS covering the syllabus:</p> <p>Ch. 1- Introduction to synthesis  Ch. 2- Retrosynthetic analysis I: The basic concepts  Ch. 3- Retrosynthetic analysis II: Latent polarity and FGIs  Ch. 4- Retrosynthetic analysis III: Strategy and Planning  Ch. 5- Selectivity I: Chemoselectivity and protecting groups  Ch. 6- Selectivity II: Regioselectivity  Ch. 7- Selectivity III: Stereoselectivity  Ch. 8- Selected organic syntheses</p> <p><b><u>For the practical part of the course:</u></b></p>
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